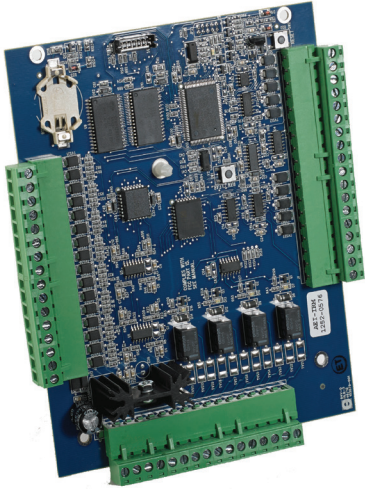




# I/O Control Panels



## CMP-IIM

The Intelligent Input Module (IIM) is part of OSSI's Foundation Solution. It provides high density, configurable inputs for monitoring sensors including door contacts, motion detectors, glass break sensors, temperature alarms, fire alarm panel outputs and other systems that need to be supervised and have their real-time status displayed.

This controller is part of a modular system that allows the designer to combine Reader Modules (IRM), Input Modules (IIM) and Output Modules (IOM) as needed to meet the requirements for a multitude of applications.

### PROGRAMMING

- On-board replaceable lithium battery maintains critical memory for up to three months
- Flash memory for rapid firmware upgrades
- On board memory holds 10,000 transactions
- Watchdog timer
- Automatic detection of new panels
- Automatic configuration of new panels
- Automatic device assignments
- Automatic downloads

### OPERATIONS

- Low power consumption
- Real-time clock for time/date based operation
- Small footprint PCB for combining many Intelligent modules in a small area

### POWER

- 12 VDC nominal (13.8 VDC max/10.8 VDC min)
- 9 Watts (including comm daughter board)
- 650 mA peak
- On board +5 VDC input with thermal shutdown
- PTC Fusing

### DATA

- TCP/IP, RS-485 (full duplex), or RS-232
- 2,400 to 115,200 bps

### COMMUNICATIONS

- Supports up to 32 modules (IIM, IOM, or IRM) on a multi-dropped single comm line or TCP/IP connection
- High baud rate RS485 Communication

### INPUTS/OUTPUTS

- 16 Multi-state inputs
- Configurable for 2, 3 or 4-state supervision
- Extensive transient protection for better reliability
- 4 Multi-purpose Form-C relay outputs

### TERMINATION

- Removable screw terminals for up to 12 AWG

### OPERATING TEMPERATURE

- 0° to 50° C
- 32° to 122° F

### ENCLOSURE DIMENSIONS

PCB Board: 4.5" w x 6" h x 1.5" d  
2-Door Enclosure: 12" w x 13" h x 4.5" d  
4-Door Enclosure: 15" w x 17.5" h x 4.5" d  
8-Door Enclosure: 18" w x 29.5" h x 4.5" d

## ORDERING INFORMATION

CMP-IIM 001  
CMP-IIM 201  
CMP-IIM 211  
CMP-IIM 251

INTELLIGENT INPUT MODULE ONLY  
(1) IIM, 1 PANEL ENCLOSURE  
(1) IIM, 1 PANEL ENCLOSURE INC CDB001  
(1) IIM, 1 PANEL ENCLOSURE INC CDB005

CMP-CDB001  
CMP-CDB005

485 COMMUNICATION DAUGHTER BOARD  
ETHERNET COMMUNICATION DAUGHTER BOARD